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(54) Title: **USE OF PROTEIN TYROSINE PHOSPHATASE INHIBITORS FOR PREVENTION AND/OR TREATMENT OF
CANCER**

(57) Abstract: The invention relates to the use of cross-linker of a protein tyrosine phosphatase (PTP), in particular Sap-1, in the
preparation of a medicament for treatment and/or prevention of cancer.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, MEDLINE, WPI Data, PAJ, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	TAKADA TOSHIYUKI ET AL: "Induction of apoptosis by stomach cancer-associated protein-tyrosine phosphatase-1." THE JOURNAL OF BIOLOGICAL CHEMISTRY. UNITED STATES 13 SEP 2002, vol. 277, no. 37, 13 September 2002 (2002-09-13), pages 34359-34366, XP002230142 ISSN: 0021-9258 the whole document -/--	1-15

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☐ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>NOGUCHI T ET AL: "Inhibition of cell growth and spreading by stomach cancer-associated protein-tyrosine phosphatase-1 (SAP-1) through dephosphorylation of p130cas." THE JOURNAL OF BIOLOGICAL CHEMISTRY. UNITED STATES 4 MAY 2001, vol. 276, no. 18, 4 May 2001 (2001-05-04), pages 15216-15224, XP002230143 ISSN: 0021-9258 cited in the application page 15223</p>	1-15
A	<p>SEO YASUSHI ET AL: "Overexpression of SAP-1, a transmembrane-type protein tyrosine phosphatase, in human colorectal cancers." BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 231, no. 3, 1997, pages 705-711, XP002230144 ISSN: 0006-291X cited in the application the whole document</p>	1-15
A	<p>MATOUZAKI T ET AL: "MOLECULAR CLONING OF A HUMAN TRANSMEMBRANE-TYPE PROTEIN TYROSINE PHOSPHATASE AND ITS EXPRESSION IN GASTROINTESTINAL CANCERS" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 269, no. 3, 21 January 1994 (1994-01-21), pages 2075-2081, XP000606151 ISSN: 0021-9258 cited in the application the whole document</p>	1-15
A	<p>RAVINDRA MAJETI AND ARTHUR WEISS: "Regulatory mechanisms for receptor protein tyrosine phosphatase" CHEM. REV., vol. 101, 2001, pages 2441-2448, XP002230145 the whole document</p>	1-15
A	<p>ANDERSEN JANNIK N ET AL: "Structural and evolutionary relationships among protein tyrosine phosphatase domains." MOLECULAR AND CELLULAR BIOLOGY, vol. 21, no. 21, November 2001 (2001-11), pages 7117-7136, XP002230146 ISSN: 0270-7306 the whole document</p>	1-15